PROJECT TITLE : Additives and Analytical Services

Period Covered : July 30 - August 25, 1980
Report Written by : A. Widmer
Report Approved by : F. Lopes

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SPECIFICATIONS

- Specifications for the following products were established:

  PTA / 015 Ethyl alcohol

  PTA / 016 Sodium chloride

- The following specification was modified:

  PTA / 051 Diammonium phosphate

  The new product to be used must be of food grade quality.

- The following specification was established in order to be attached to the specification PFM / 036 (Semi FLI).

  FTA Charcoal "Pilote 11184".

TRIALS WITH NEW SUPPLIERS OF TOBACCO ADDITIVES

- Cocoa powder (VAN HOUTEN) - Ref. 1

  The test cigarettes (MPH - Italy) with two types of cocoa powder (4007, 4008) were not accepted by Panel A because of a significant difference from the standard.

- Cocoa powder (NESTLE) - Ref. 1.

  The test cigarettes (MPH-Italy) were not accepted by Panel A because of a significant difference from the standard.

- With the modification of the specifications of diammonium phosphate a series of products of new suppliers was analysed:

  - CHEMISCHE FABRIK UETIKON, Uetikon; ex CHEMISCHE FABRIK BUDENHEIM, Budenheim (RFA); "A 22-01" / yellow sheet 5671, 500 g.

    Out of specifications as regards chloride and iron content.

  - CHEMISCHE FABRIK UETIKON; ex CHEMISCHE FABRIK BUDENHEIM, Budenheim (RFA) / yellow sheet 5672, 500 g.

    It is a fertilizer quality which was not analysed.



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- CHEMISCHE FABRIK UETIKON, Uetikon; ex CHEMISCHE FABRIK BUDENHEIM, Budenheim (RFA) "A 12-01" / yellow sheet 5748, 500 g.

  Within specifications. For an industrial trial 100 kg were ordered (18.08.80).

- PLUESS STAUFFER AG, Oftringen; ex BENCKISER-KNAPSACK GmbH, Ladenburg (RFA) / yellow sheet 5673, 500 g.

  Out of specifications.

- PLUESS STAUFFER AG,Oftringen; ex BENCKISER-KNAPSACK GmbH, Ladenburg (RFA) / yellow sheet 5674, 500 g.

  Within specifications. For an industrial trial, 100 kg were ordered (18.08.80).

TRIALS ON AFTER CUTTING SOLUTIONS

- SFC 153 (PMI Richmond).

  This product combines all the individual ingredients for super-juice solutions. The trial was carried out on MER-cigarettes.

  Smoke analyses: No significant difference compared to the standard.

  Panel A: No significant difference was found. Accepted.

TRIALS WITH NEW SUPPLIERS OF FILTER ADDITIVES

- Activated charcoal (CHEMVIRON, Zürich; "TL 7900" / yellow sheet 5633, 10 kg).

  This product is based on a mineral coal.

  Laboratory: In the granulometric analyses a slight increase in the level of fine particules was found. Otherwise the sample corresponds to our specifications.

  Smoke analyses: No significant difference compared to the standard (BRD, MAA - CH).

  Panel B: Test cigarettes MAA - CH were accepted, test cigarettes BRD were different in taste.

  Panel A: Test cigarettes MAA - CH were found different due to a lack of cleanness.

  Concluded on 18.08.1980.



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- Activated charcoal (SUTCLIFFE SPEAKMAN, Lancashire (GB) "365 C 12 - 30 BSS" / yellow sheet 5581, 20 kg).

  Laboratory: The sample is within specifications.

  Smoke analyses: No significant difference compared to the standard (BRD, MAA - CH).

  Panel B: Test cigarettes (MAA-CH and BRD) were accepted.

  Panel A: Test cigarettes (MAA-CH) were different from standard MAA-CH cigarettes

  Concluded on 18.08.1980

- Polyethylene glycol 600 (PLUESS STAUFFER AG, Oftringen ex HOECHST, Munich / yellow sheet 5816, 1 kg.)

  The sample is slightly out of specifications as regards the acidity. However, as that point will eventually be revised on our specifications, a sufficient quantity for an industrial trial was ordered (25.08.80).

TRIALS WITH NEW SUPPLIERS OF GLUES

- Glue for tipping paper (LAESSER AG, Erlinsbach / yellow sheet 5736, 3 x 1 kg).

  Three types of glues ("1516 G 5","1516 G 6" and "1516 G 9") were submitted. According to the supplier with this modified glues, better results on the skiptip system should be obtained.

  Machineability: The type "1516 G 5" showed the best results. For a more important trial 20 kg were ordered (18.08.80).

- Filter glue for porous paper (LAESSER AG, Erlinsbach; "LESSO 1186 / 40 K" yellow sheet 5705, 1 kg).

  Machineability: No significant improvement was noted, compared with the standard glue. Further trials are not foreseen.

SERVICES FOR OTHER GROUPS

- Analyses for L. Joseph
  Citric acid by HPLC in LTR lots (3 samples)

QC ANALYTICAL SERVICES

A. Widmer

REFERENCES

1. Monthly report A. Widmer, November 1979
   Letter from A. Widmer to Mr. B.W. Lutzig, dd August 21, 1980



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